

Title (en)  
DESIGN AND MANUFACTURE OF MULTI-MODE OPTICAL FIBERS

Title (de)  
DESIGN UND HERSTELLUNG MULTIMODALER GLASFASERN

Title (fr)  
CONCEPTION ET FABRICATION DE FIBRES OPTIQUES MULTI-MODE

Publication  
**EP 3100087 B1 20220413 (EN)**

Application  
**EP 15743355 A 20150130**

Priority

- US 201461934223 P 20140131
- US 2015013655 W 20150130

Abstract (en)  
[origin: WO2015116887A1] Described is a technique for the design and manufacture of MMFs. Designs are implemented so as to limit the maximum variation in  $z(r, \lambda)$  with respect to wavelength, where  $z(r, \lambda)$  is the dielectric constant weighted by the square of the wave length. MMFs for use in CWDM applications are specifically described.

IPC 8 full level  
**G02B 6/02** (2006.01); **G02B 6/028** (2006.01); **G02B 6/036** (2006.01); **G02B 27/00** (2006.01)

CPC (source: EP US)  
**G02B 6/0288** (2013.01 - EP US); **G02B 6/03627** (2013.01 - EP US); **G02B 6/03633** (2013.01 - EP US); **G02B 6/03694** (2013.01 - EP US); **G02B 27/0012** (2013.01 - US)

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DOCDB simple family (publication)  
**WO 2015116887 A1 20150806**; CN 105829928 A 20160803; CN 105829928 B 20190726; EP 3100087 A1 20161207; EP 3100087 A4 20170830; EP 3100087 B1 20220413; JP 2017510832 A 20170413; JP 6664327 B2 20200313; US 2016370540 A1 20161222; US 9709732 B2 20170718

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**US 2015013655 W 20150130**; CN 201580003260 A 20150130; EP 15743355 A 20150130; JP 2016547170 A 20150130; US 201515035820 A 20150130